

ABSTRACT

The invention is directed to a high energy constancy in the operation of a loom and shedding machine with separated drive technology, and to ensure the run-up in one weft insertion for the loom and if necessary also for the shedding machine. For this purpose it is provided, that the control arrangement controlling the electric motor drive of the loom and shedding machine possesses suitable computer means, which, depending on machine and/or weaving technical data, determines the applicable size of the moment of inertia of a non-inherent inertial mass with which at least the shedding machine is to be equipped, and that suitable means are present, which make it possible to arrange the at least one non-inherent inertial mass in such a manner, so that the size of the determined moment of inertia becomes effective in the operating of the shedding machine.

USPS EXPRESS MAIL  
EV 511 024 117 US  
AUGUST 20 2004